

Growth Arrest And DNA Damage-Inducible, Alpha (GADD45A) Antibody

Catalogue No.:abx031707



GADD45A responds to environmental stresses by mediating activation of the p38/JNK pathway via MTK1/MEKK4 kinase. The GADD45A gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The DNA damage-induced transcription of this gene is mediated by both p53-dependent and independent mechanisms.

Target:	Growth Arrest And DNA Damage-Inducible, Alpha (GADD45A)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, FCM
Host:	Rabbit
Recommended dilutions:	WB: 1/1000, FCM: 1/10 - 1/50. Optimal dilutions/concentrations should be determined by the end

user.



Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 133-165 amino acids from the C-terminal region of human GADD45A.
lsotype:	lgG
Form:	Liquid
Purification:	Purified Rabbit Polyclonal Antibody.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P24522 (<u>UniProt</u> , <u>ExPASy</u>)
KEGG:	hsa:1647
String:	<u>9606.ENSP00000360025</u>
Molecular Weight:	Calculated MW: 18.3 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse, Rat, Cow and Hamster GADD45A.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,
	THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL
	CONSUMPTION.